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(54) DIGITAL IMPOSITION PROCESSOR

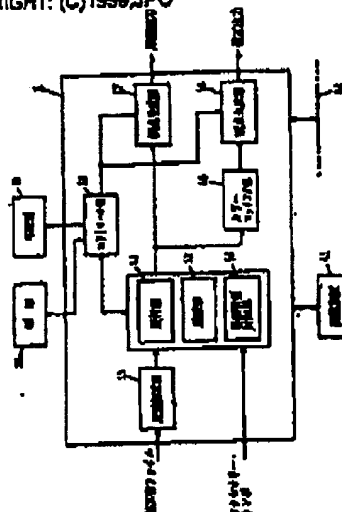
(57) Abstract

PROBLEM TO BE SOLVED: To provide a digital imposition processor which enables digital imposition processing in a machine plate printing stage by using a computation post file transferred from a plate making stage.

SOLUTION: An imposition section 12 forms imposition data to each page in accordance with arrangement information. At this time, the imposition section 12 forms the adequate imposition data by properly rewriting the arrangement information by the instruction from a terminal 21 in order to deal with the kinds of a printing machine 31. A composition section 13 executes the positioning of the imposition data in a manner as to attain the optimal arrangement on the machine plate. This positioning may be executed while checking is made on the screen of the terminal 21. A printing information addition section 14 reads the accessories necessary at the time of printing from outside and executes arrangement processing. A halftone forming section 17 converts the computation post file subjected to the data processing described above to halftone data rearranging plural pages from the raster type data of every one page

while adding the dot gain adjustment instructed from a control section 15.

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